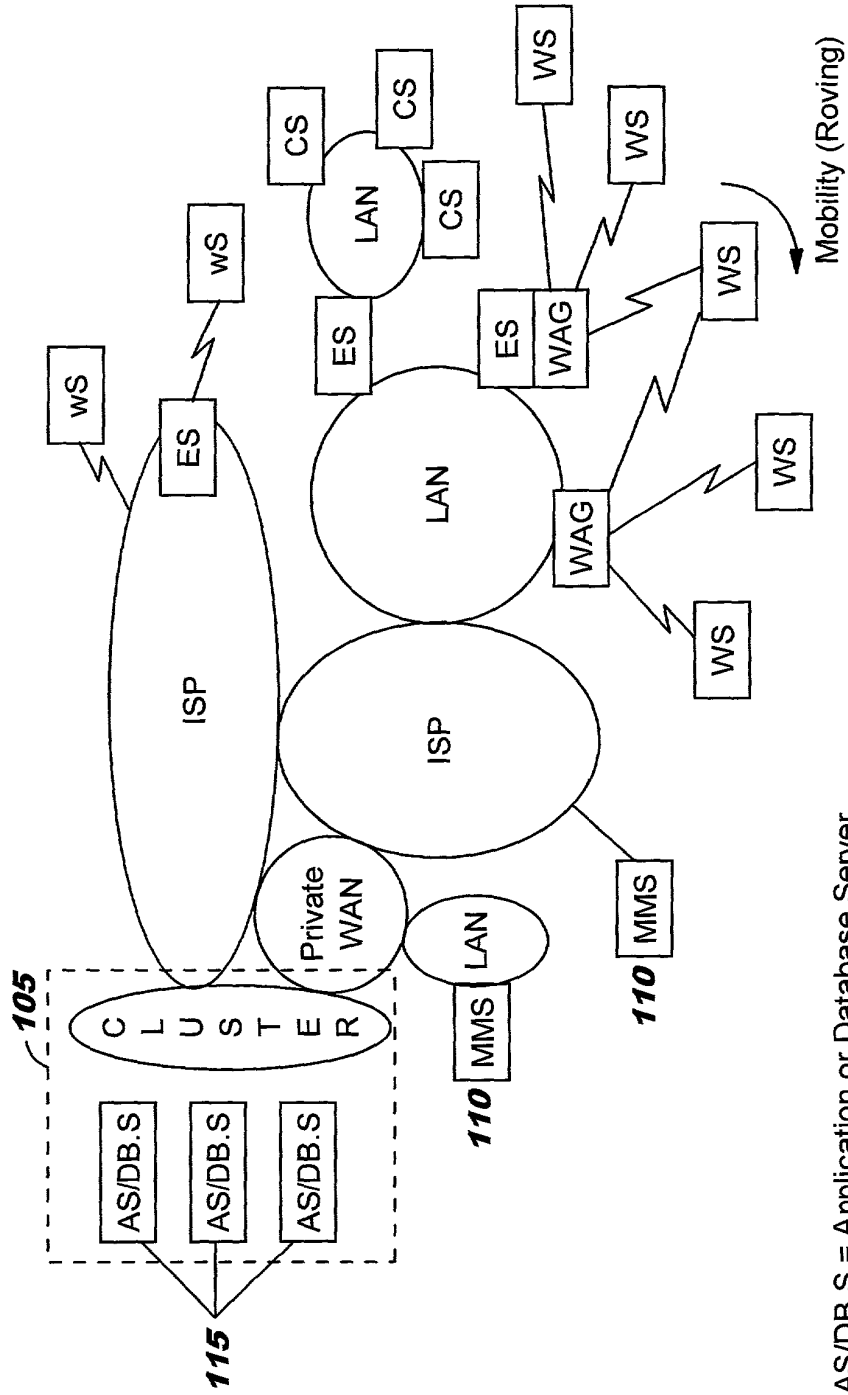
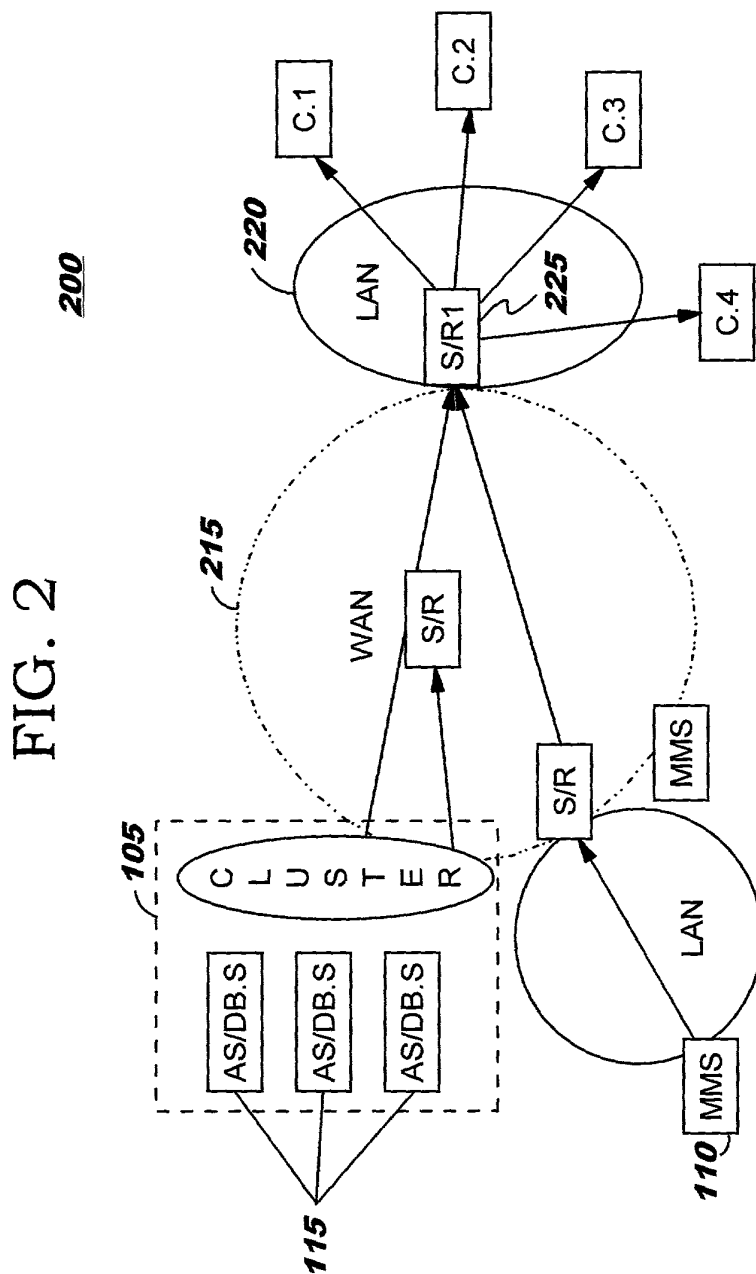


FIG. 1

100



AS/DB.S = Application or Database Server
ES = Edge Server
MMS = Multimedia Server
WAG = Wireless Application Gateway



AS/DB.S = Application Server or Database Server
 S/R = Switch/Router
 MMS = Multimedia Server

2017.10.9554007

FIG. 3A
(Prior Art)

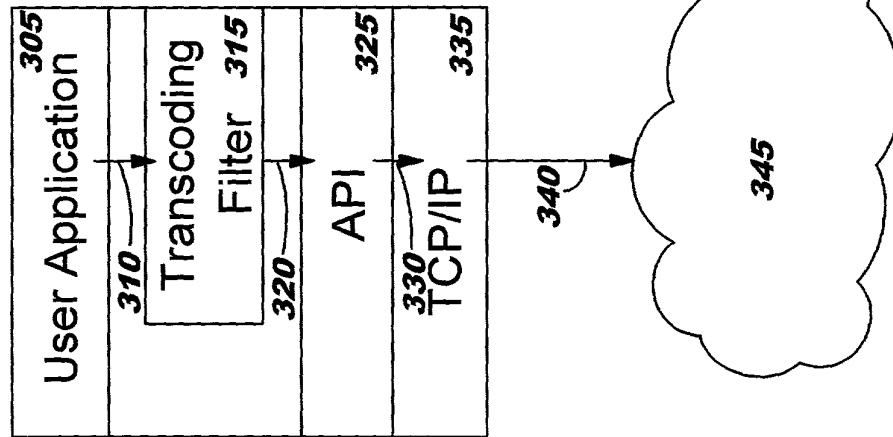


FIG. 3B

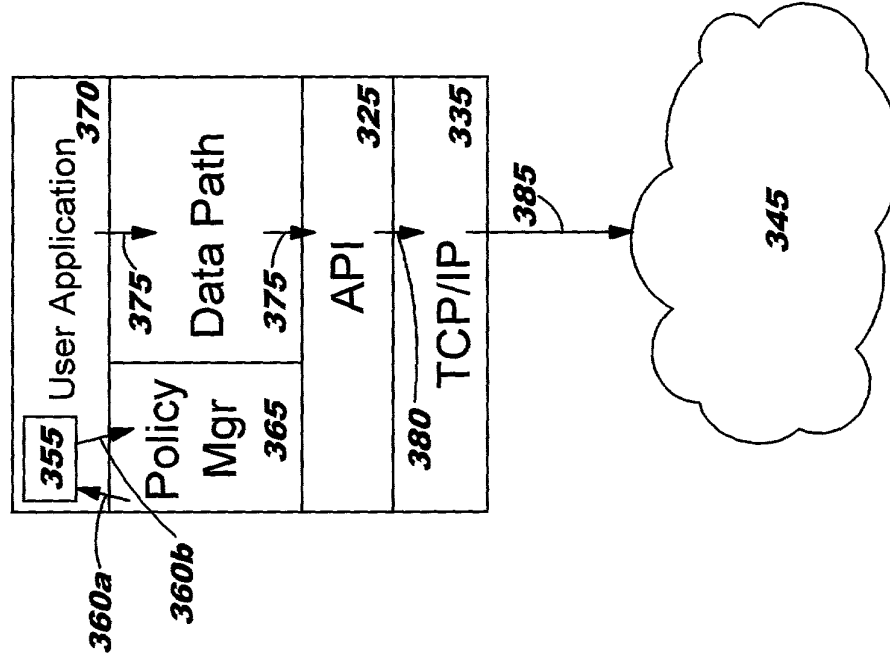


FIG. 4

QoS Tripod

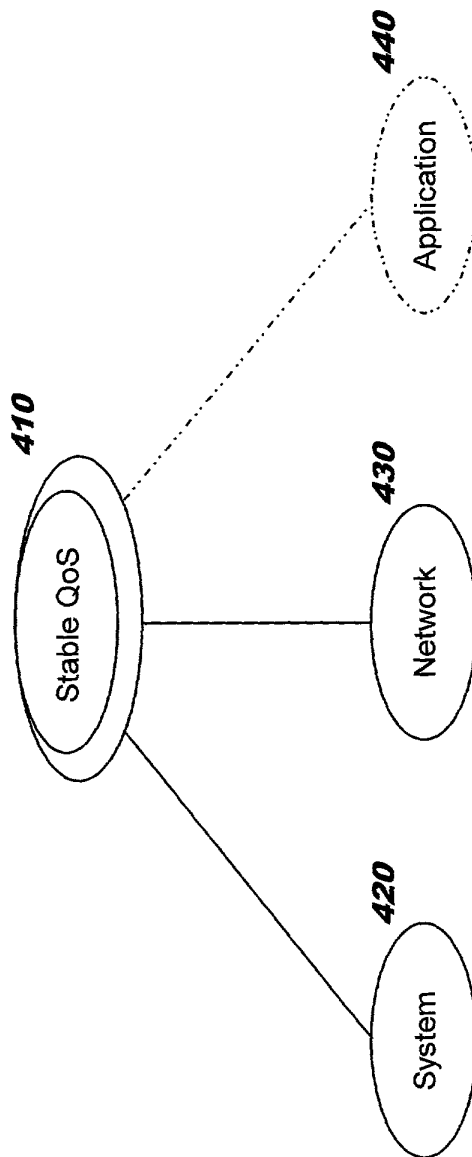


FIG. 5

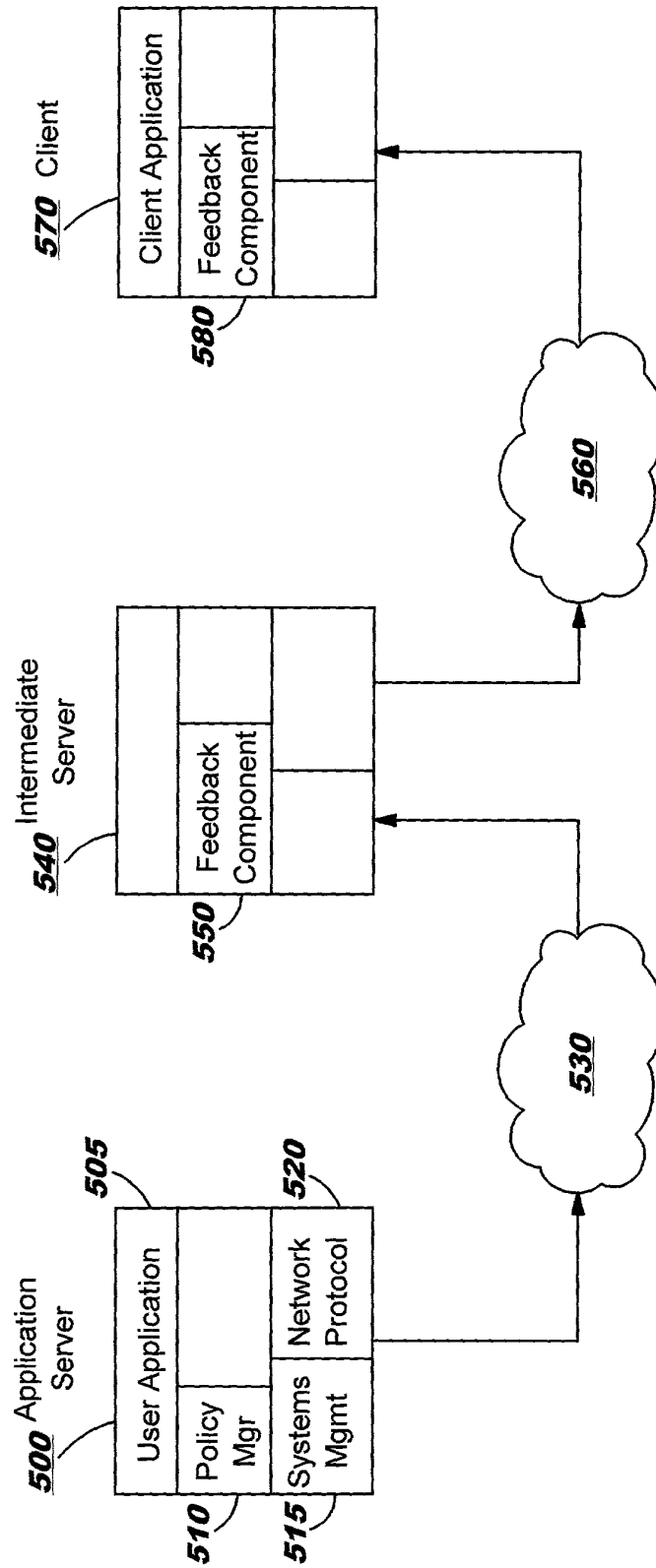
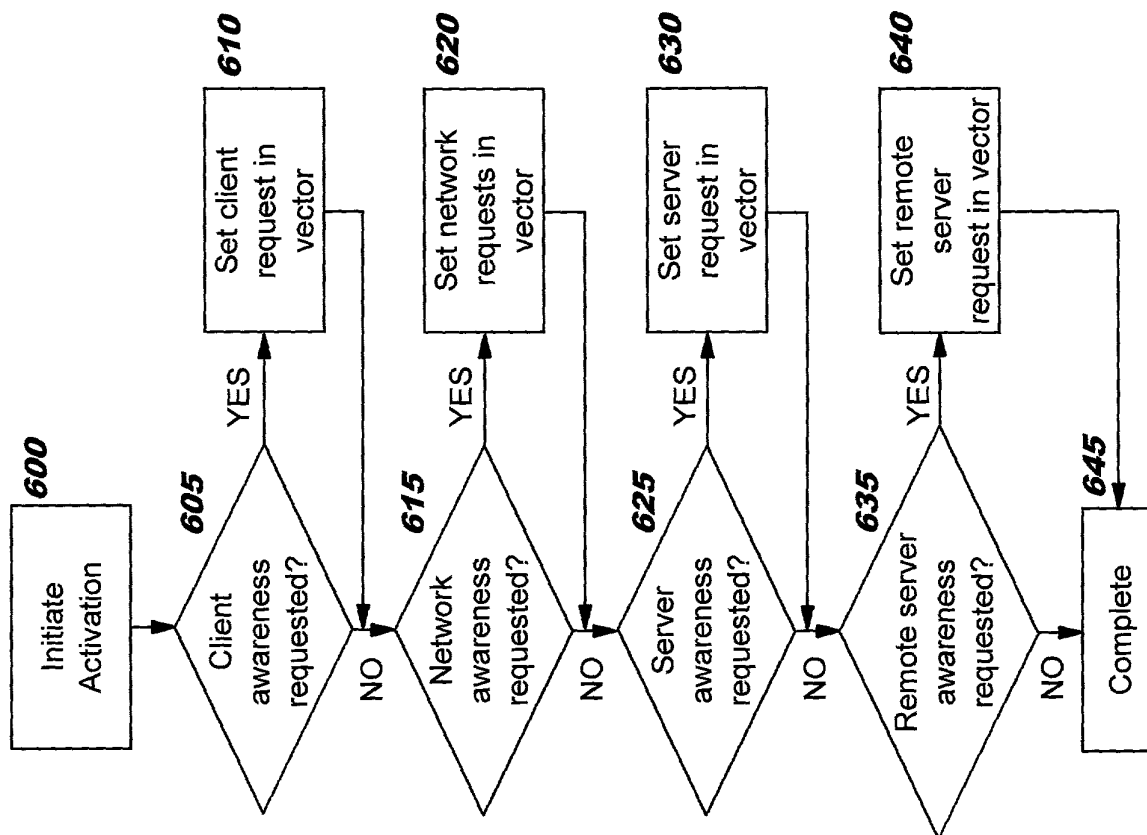


FIG. 6



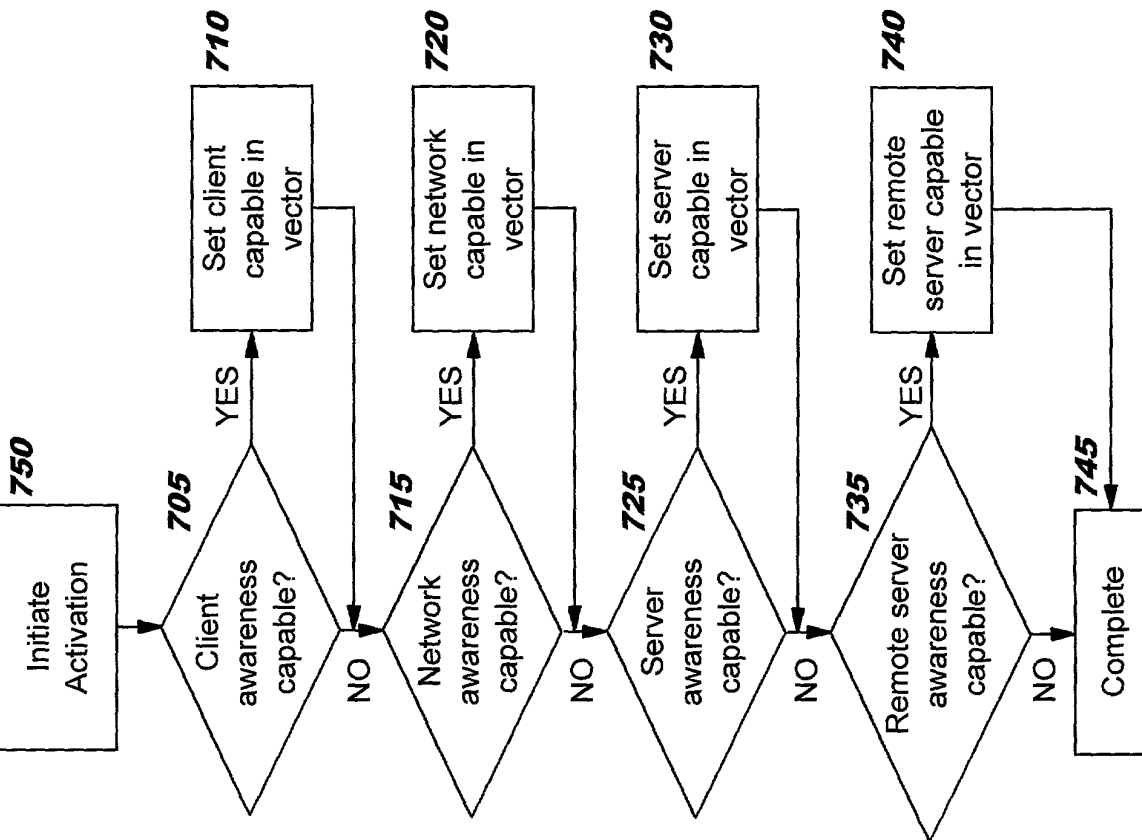
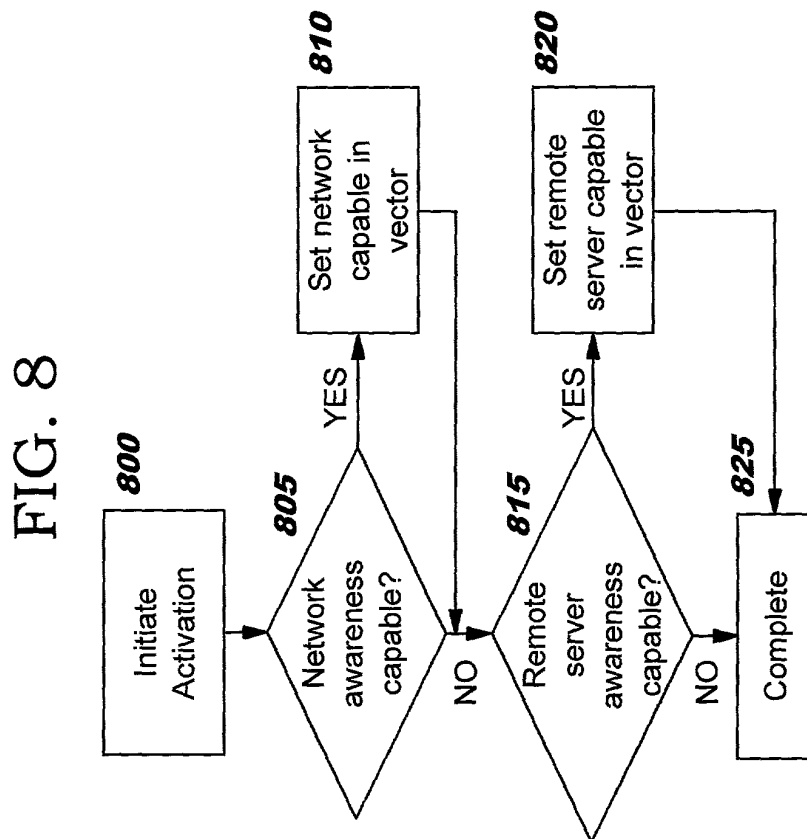


FIG. 7

2025-09-24 10:00:00



2025-09-24 10:00

FIG. 9

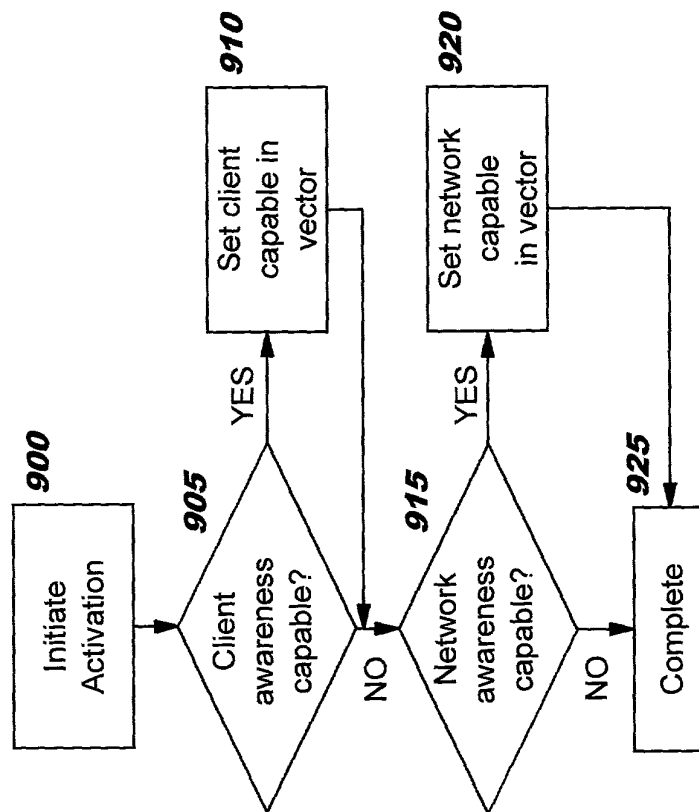


FIG. 10

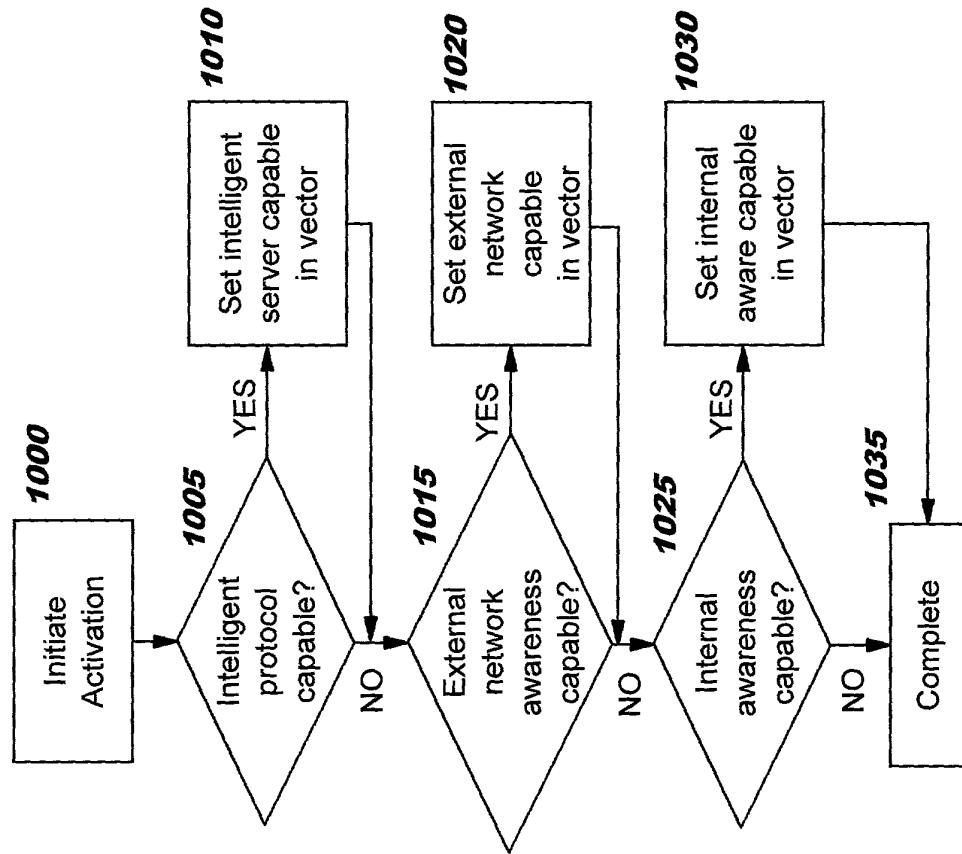


FIG. 11

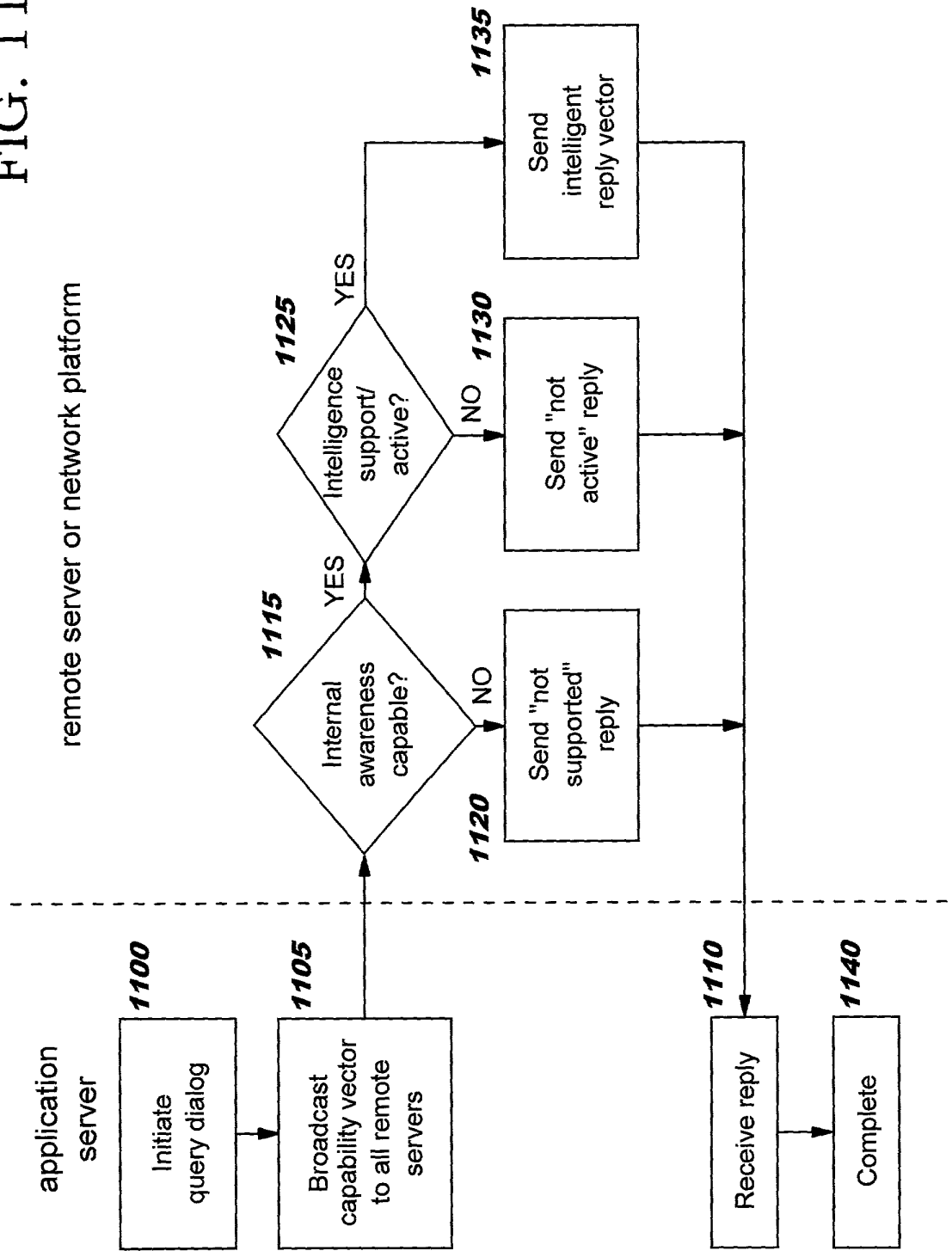
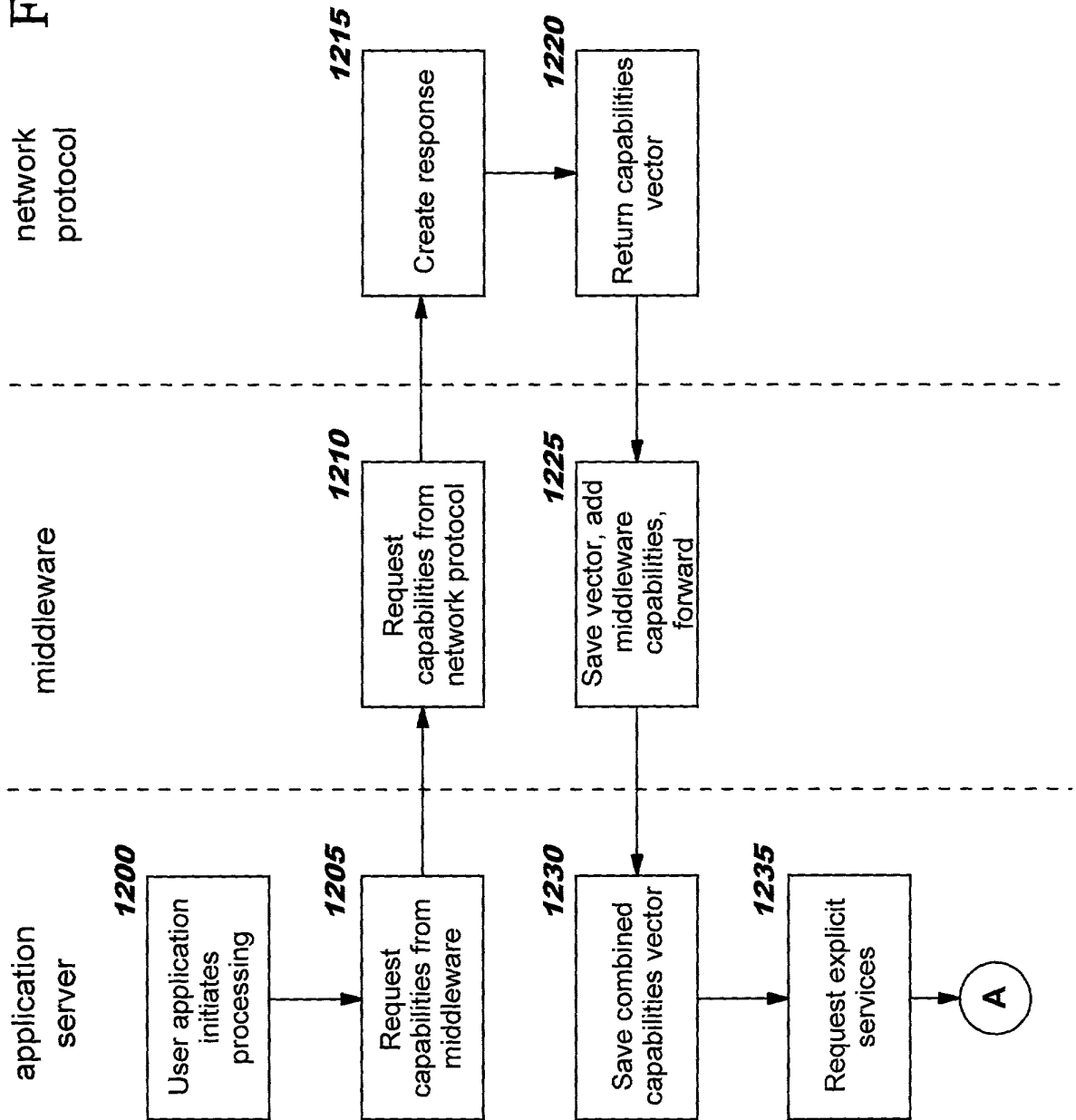
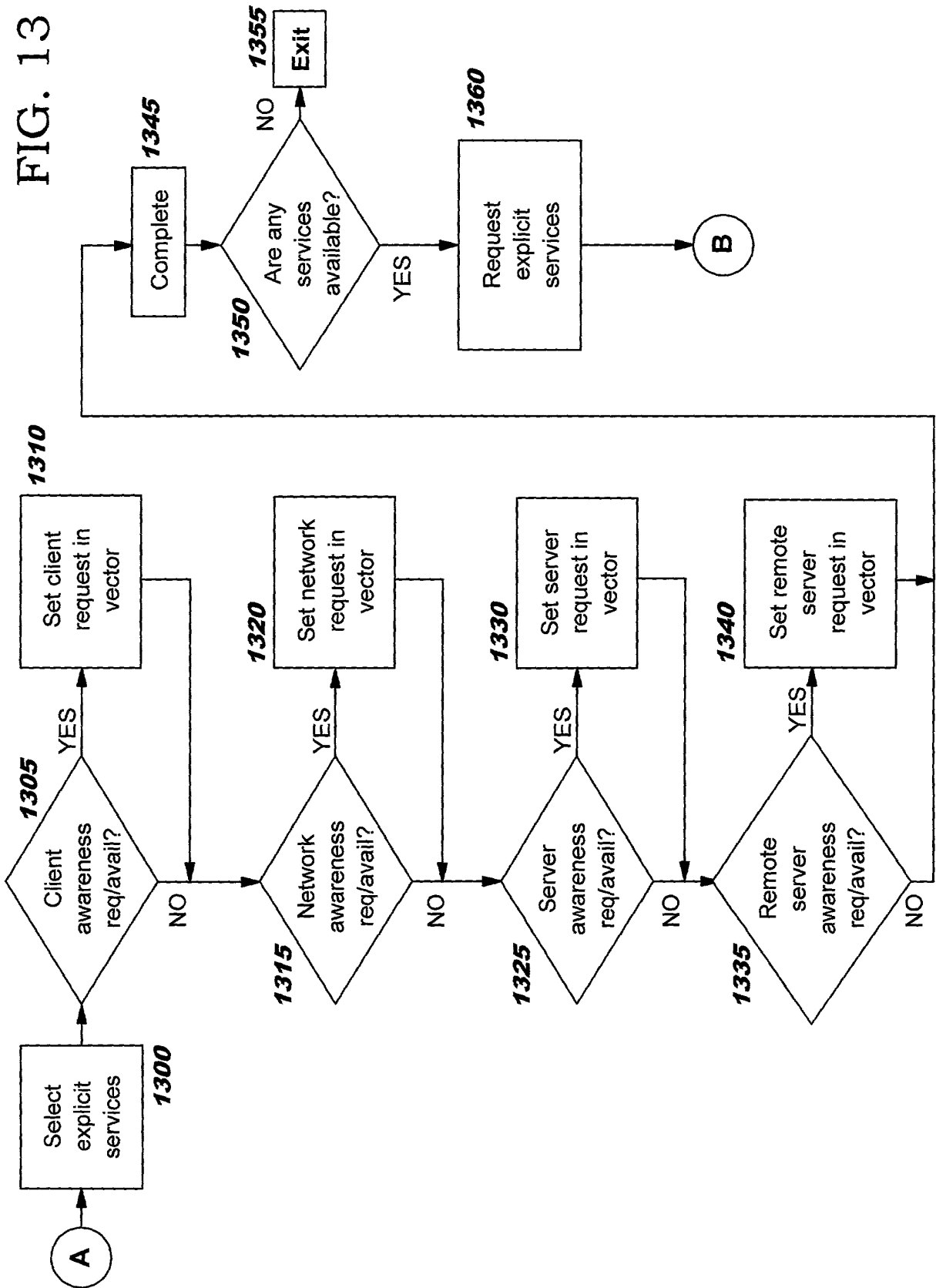


FIG. 12





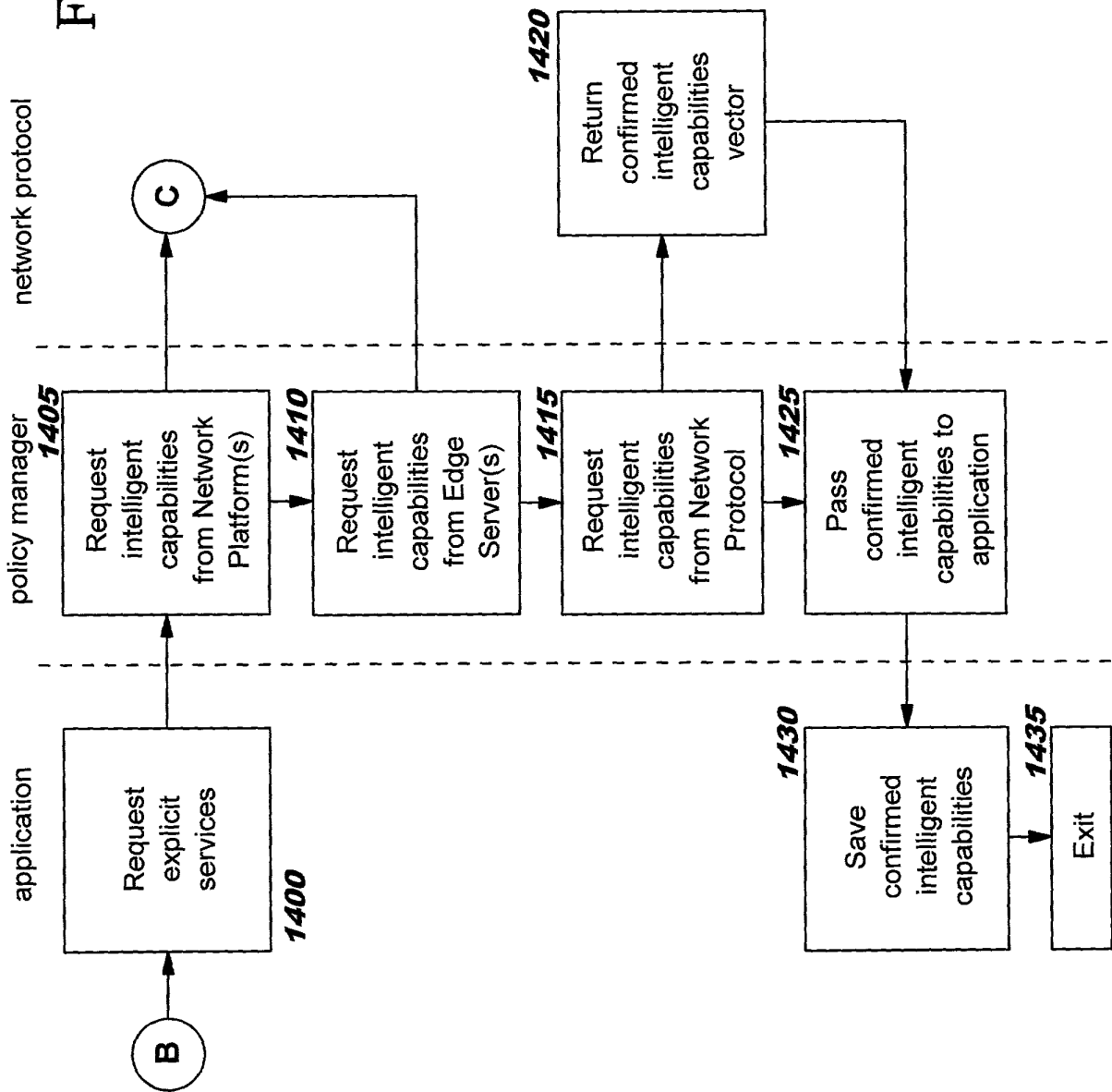
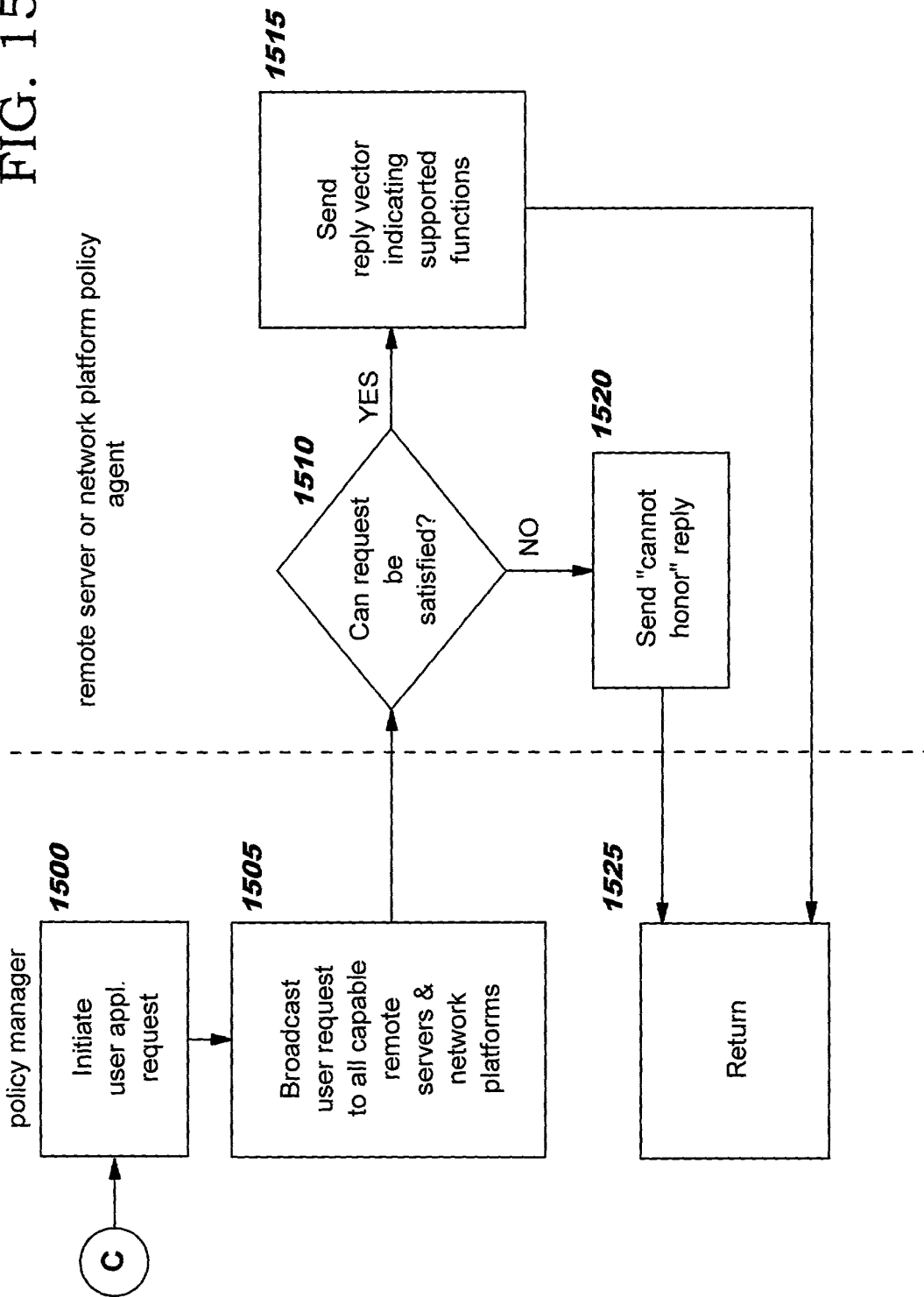
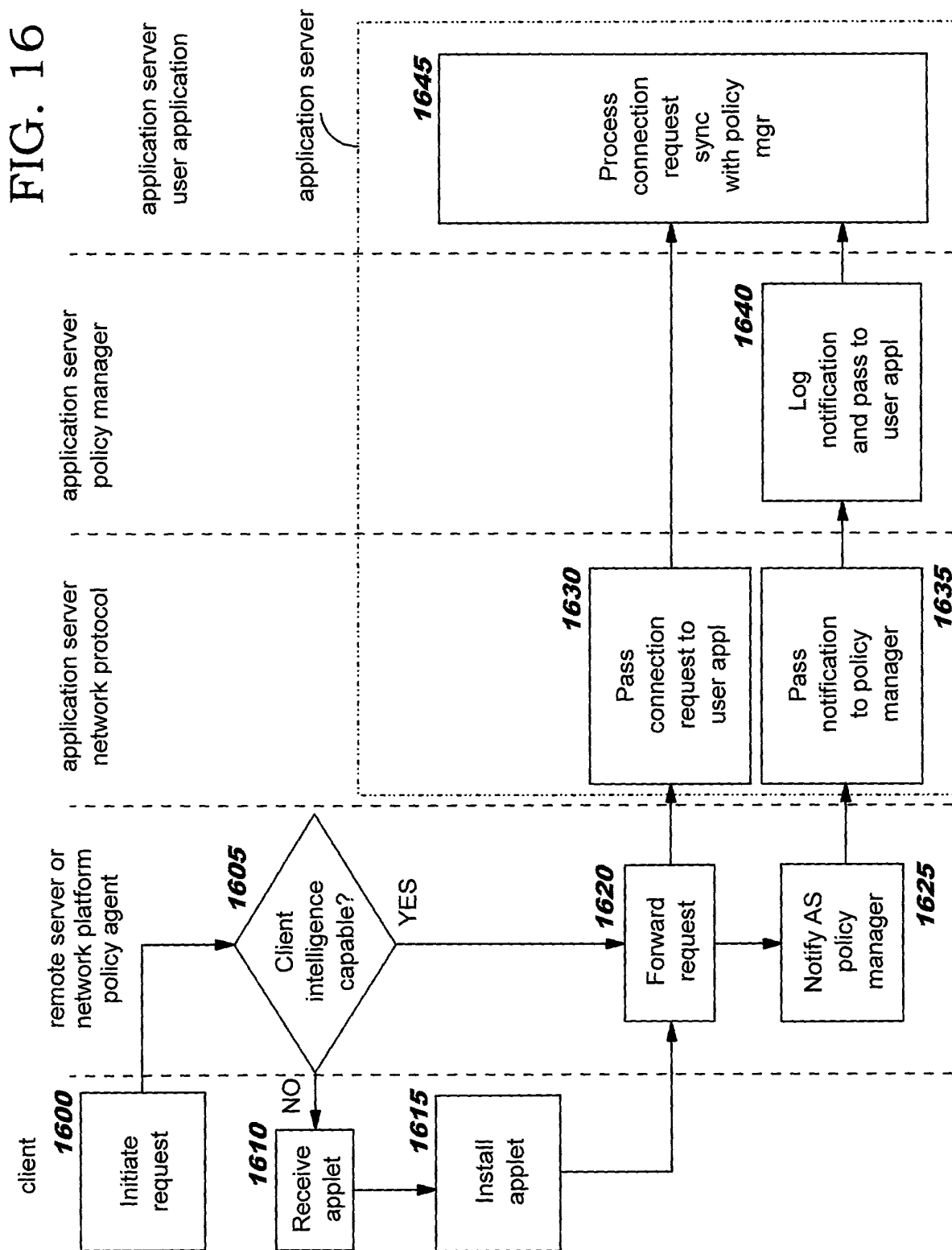


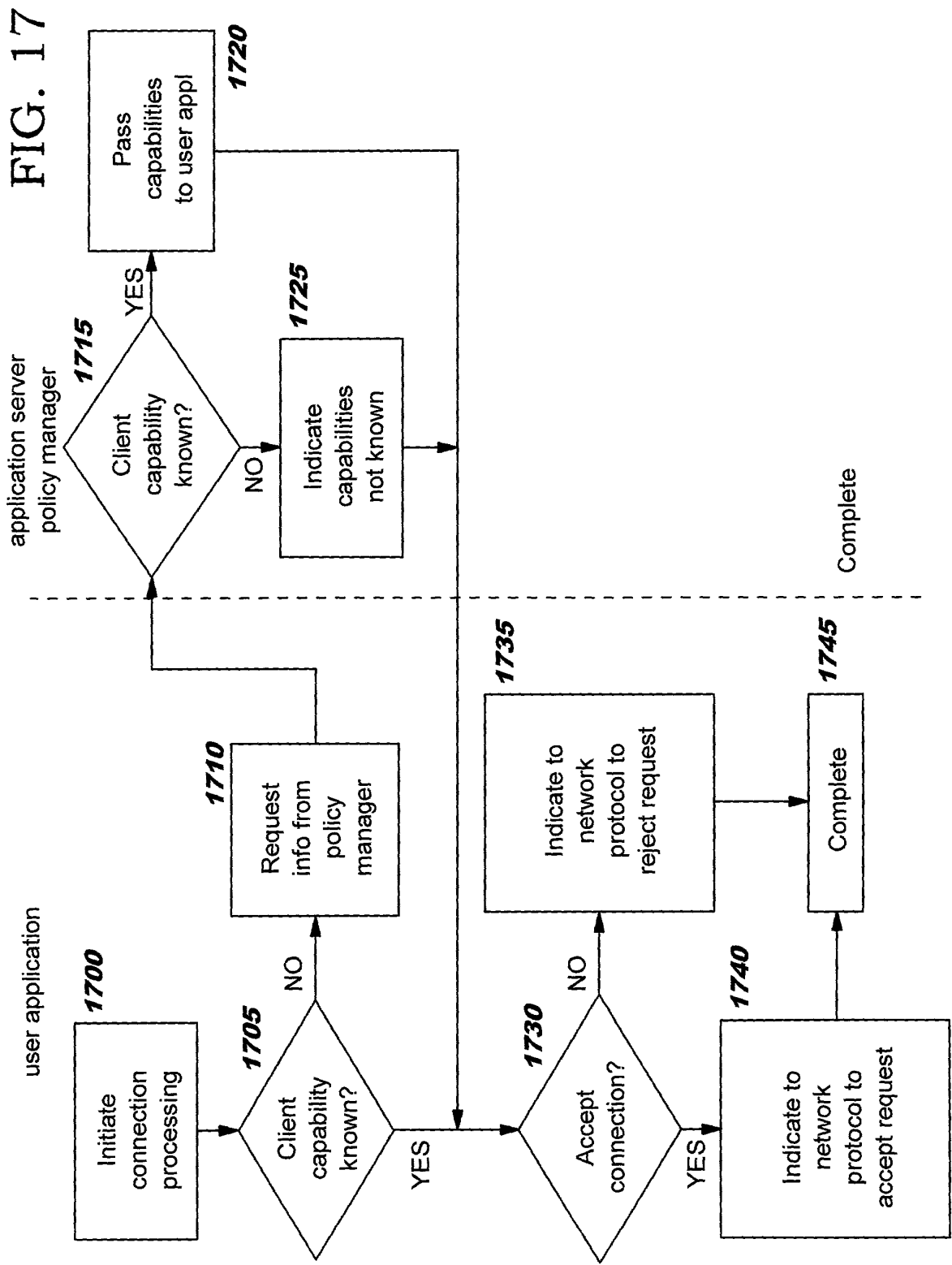
FIG. 14

20140905

FIG. 15







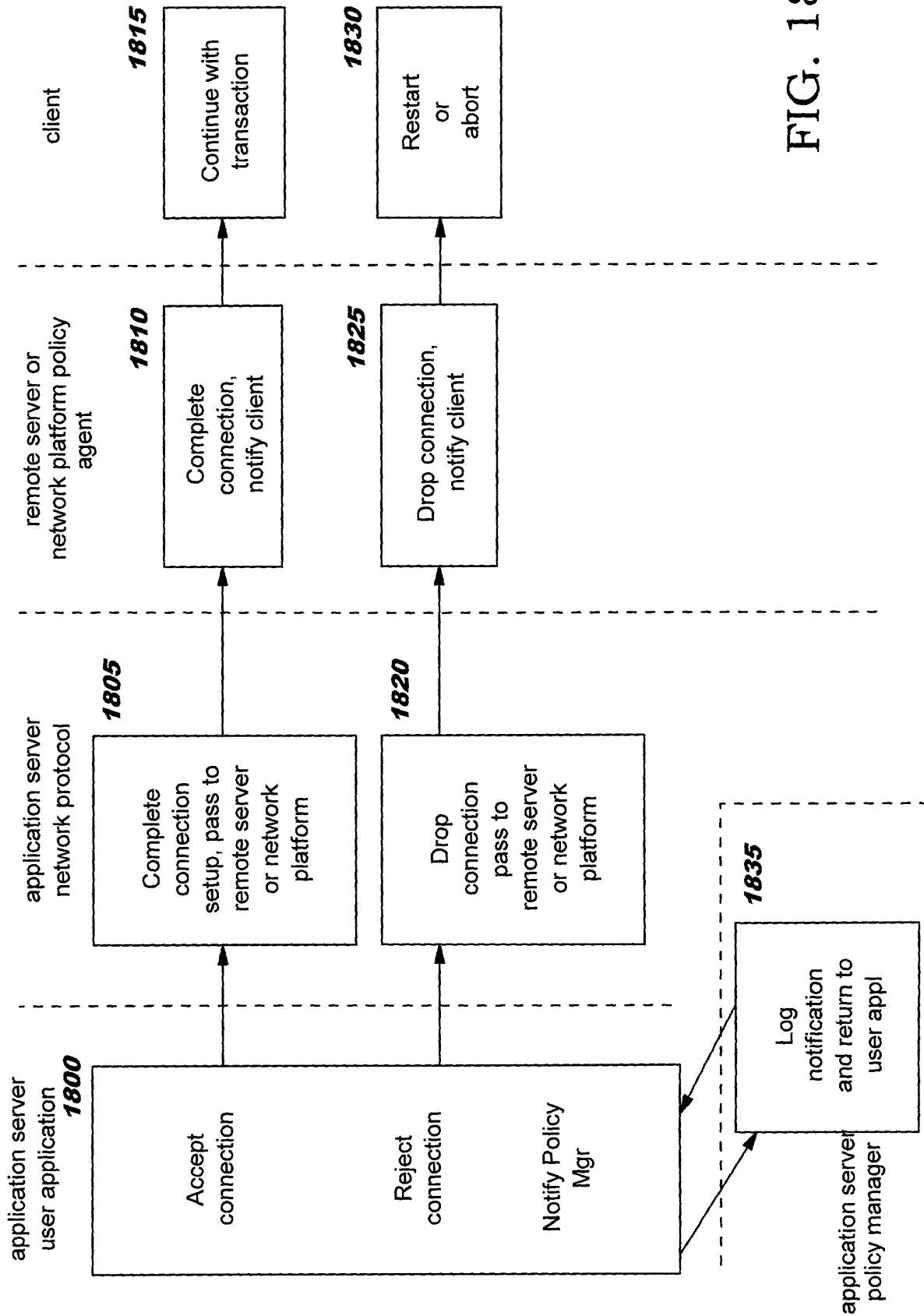


FIG. 18

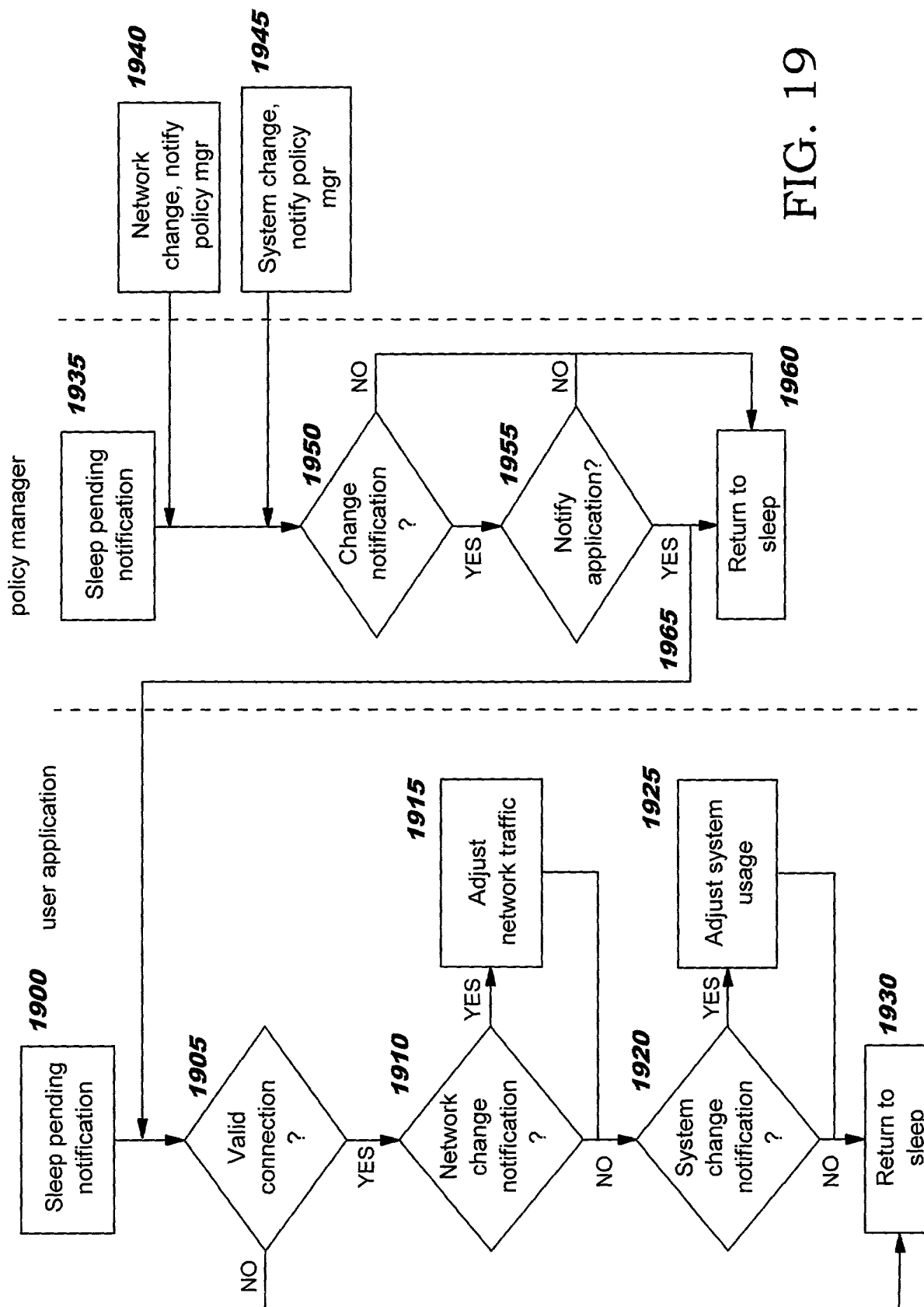


FIG. 19

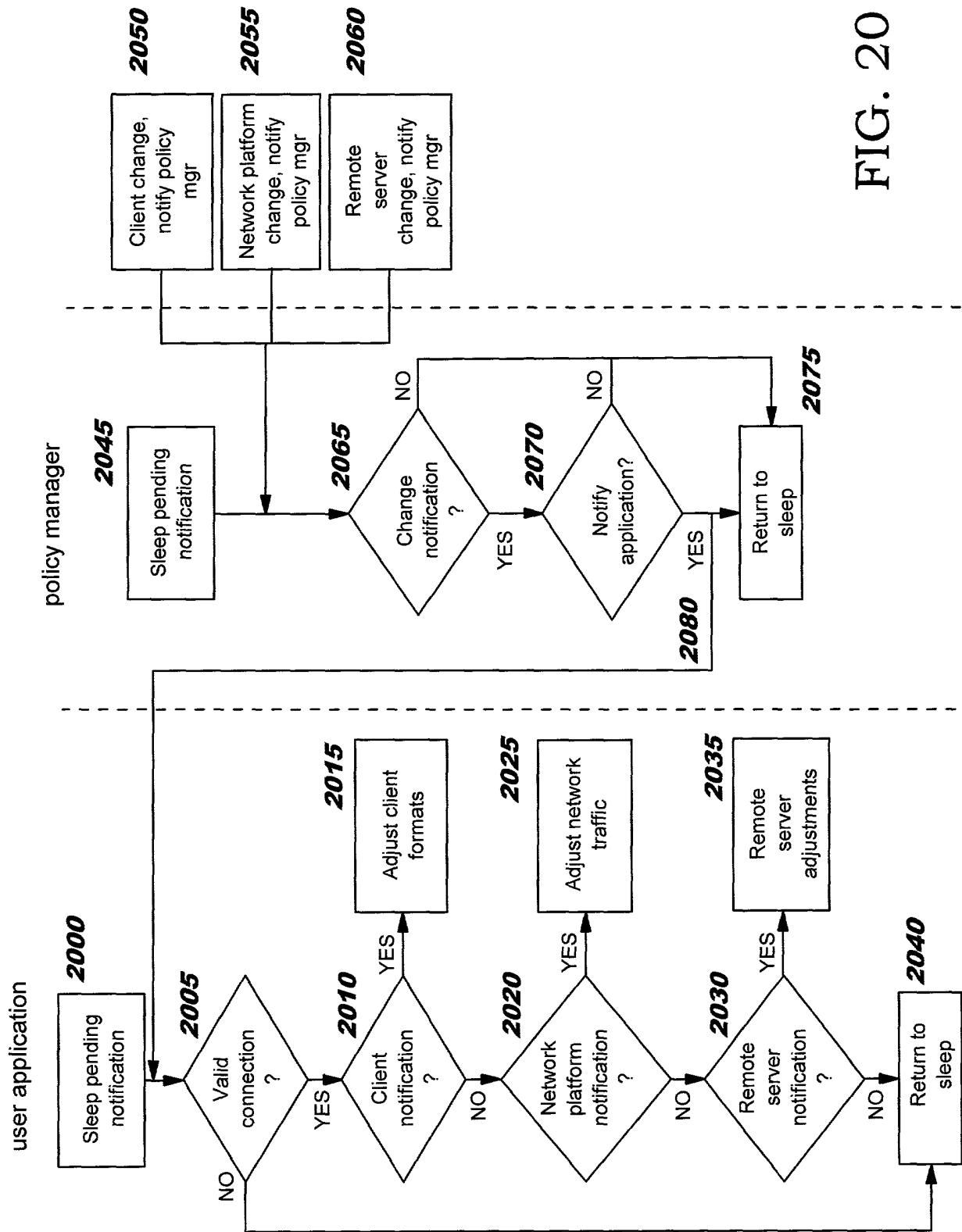


FIG. 20

FIG. 21

2100

	Functional Area	Field	Description
2110	Client		
	Field-1	Available	Indicates system support status, e.g. yes/no
	Field-2	Requested	Indicates whether another entity requested the function
	Field-3	Options	Examples: levels of congestion, device class supported, QoS required, etc.
2120	Network Platform		
	Field-1	Available	Same as client
	Field-2	Requested	Same as client
	Field-2	Options	Examples: levels of congestion supported, type of network (LAN/WAN)
2130	Remote Server		
	Field-1	Available	Same as client
	Field-2	Requested	Same as client
	Field-3	Options	Examples: levels of congestion, storage constraints, processor constraints
2140	Network Protocol		
	Field-1	Available	Same as client
	Field-2	Requested	Same as client
	Field-3	Options	Examples: levels of congestion, system constraints, buffer constraints, active connection limit
2150	System		
	Field-1	Available	Same as client
	Field-2	Requested	Same as client
	Field-3	Options	Examples: levels of congestion, system storage constraints, processing constraints

FIG. 22

2200

	Functional Area	Field	Description
2210	System Identifier		
2211	Field-1	System type	Network platform, remote server, etc.
2212	Field-2	Identifier type	Name, address, etc.
2213	Field-3	System identifier	Actual identifier
2220	Client		
	Field-1	Available	Indicates system support status, e.g. yes/no
	Field-2	Requested	Indicates whether another entity requested the function
	Field-3	Options	Examples: levels of congestion, device class supported, QoS required, etc.
2230	Network Platform		
	Field-1	Available	Same as client
	Field-2	Requested	Same as client
	Field-2	Options	Examples: levels of congestion supported, type of network (LAN/WAN)
2240	Remote Server		
	Field-1	Available	Same as client
	Field-2	Requested	Same as client
	Field-3	Options	Examples: levels of congestion, storage constraints, processor constraints
2250	Network Protocol		
	Field-1	Available	Same as client
	Field-2	Requested	Same as client
	Field-3	Options	Examples: levels of congestion, system constraints, buffer constraints, active connection limit
2260	System		
	Field-1	Available	Same as client
	Field-2	Requested	Same as client
	Field-3	Options	Examples: levels of congestion, system storage constraints, processing constraints

FIG. 23

2300

	Functional Area	Field	Description
2310	System Identifier		
	Field-1	System type	Network platform, application server, etc.
	Field-2	Identifier type	Name, address, etc.
	Field-3	System identifier	Actual system identifier
2320	Application Identifier		
	Field-1	Type	Type of identifier: name, address, etc.
	Field-2	Identifier	Actual identifier
2330	Client		
	Field-1	Return code	Success or failure
2332	Field-2	Requested	Indicates whether another entity requested the function
	Field-3	Options/returns	Mask indicating options supported
2340	Network Platform		
2341	Field-1	Return code	Success or failure
2342	Field-2	Requested	Same as client
2343	Field-2	Options/returns	Mask indicating options supported
2350	Remote Server		
2351	Field-1	Return code	Success or failure
2352	Field-2	Requested	Same as client
2353	Field-3	Options/returns	Mask indicating options supported
2360	Network Protocol		
2361	Field-1	Return code	Success or failure
2362	Field-2	Requested	Same as client
2363	Field-3	Options/returns	Mask indicating options supported
2370	System		
	Field-1	Return code	Success or failure
2372	Field-2	Requested	Same as client
	Field-3	Options/returns	Mask indicating options supported

10045556 "01110"

FIG. 24

2400				
	Functional Area	Field	Description	
2410	System Identifier			
		Field-1	System type	Network platform, remote server, etc.
		Field-2	Identifier type	Name, address, etc.
		Field-3	Identifier	Actual identifier
2420	Application Identifier(s)		May be more than one	
		Field-4	Type	Type of identifier: name, address, etc.
		Field-5	Identifier	Actual identifier
2430	Congestion			
		Field-6	Level	Value indicating new congestion level
2440	Optional codes			
		Field-7	Number	Number of optional codes included
		Field-8	Total length	Total length of all codes including this header
		Field-9	First code	Optional code identifier
		Field-10	Length	Length of this code
		Field-11	Code	Actual code

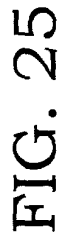


FIG. 25